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United States Cotton Quality Report For Ginnings 1974 Crop

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Upland cotton ginned in the United States from the 1974 crop contained a record-high proportion of cotton stapling 34 and longer, according to the Department of Agriculture, Agricultural Marketing Service. These medium and longer staples accounted for four-fifths of total ginnings. The White grades 31 and above represented 13 percent of ginnings, down from 19 percent in 1973-74 ginnings. Fiber strength of cotton in this season's ginnings was a little stronger than a year ago. The average strength was 86,000 pounds per square inch against last season's average of 85,000 pounds. Cotton miking in the 3.5-4.9 range comprised 76 percent of ginnings compared with 84 percent a year earlier.

Staples. The 1974 upland cotton crop contained 8.9 million bales of cotton stapling 34 and longer. This is equivalent to a record-high percentage - 80 percent - of total ginnings. Staple 35 was the predominant staple and comprised 44 percent of ginnings, up sharply from the 25 percent in last season's ginnings. Ten percent of the 1974 upland crop was in the two lengths 32 and 33, down from 16 percent a year ago. Cotton stapling 31 and shorter also accounted for 10 percent of 1974 ginnings. This is the smallest percentage of these shorter staples on record and compares with 24 percent a year earlier. The average staple of the 1974 crop was 34.2 thirty-seconds inches against 33.3 thirty-seconds for the 1973 crop.

Grades. Ginnings of the White grades 31 and above totaled 1.4 million bales, equivalent to 13 percent of the 1974 upland cotton crop. This is down from the 19 percent in these higher grades last season. Grade 41 was the most prevalent grade and accounted for 38 percent of ginnings against 39 percent a year ago. The Light Spotted and other Colored grades made up 24 percent of total ginnings, the same as a year ago. The grade index of the 1974 crop was 90.8 (grade 31=100) compared with 92.3 a year earlier.

Upland supply. This season's supply of upland cotton (August 1, 1974 carryover plus 1974 ginnings) totaled 14.9 million running bales. This is the smallest supply since the 1971-72 season and compares with last season's supply of 16.4 million bales. The staple distribution shows that this season's supply of cotton stapling 34 and longer totaled 10.8 million bales compared with 9.8 million last season. Supplies in the lengths 33 and shorter were 4.1 million bales, down from the 6.6 million bales in last season's supply. Supplies of cotton in the White grades 41 and above totaled 7.9 million bales, down from the 8.8 million bales a year earlier. This season's supply of Light Spotted cotton was 3.3 million bales against 3.5 million last season. Spotted and other Colored grades totaled 0.5 million bales, down from last season's supply of 1.1 million bales.

Table 1. Upland cotton in the United States, ginnings and supply,
by staple groupings, 1970-1974

Season beginning August 1	Staple Code (32nd inches)								All staple lengths	
	Shorter than 32		32 and 33		34 and 35		36 and longer			
	Quantity	Percent of total	Quantity	Percent of total	Quantity	Percent of total	Quantity	Percent of total		
	1,000 bales	Percent	1,000 bales	Percent	1,000 bales	Percent	1,000 bales	Percent	1,000 bales	
<u>Ginnings</u>										
1970	2,021	20	1,541	15	5,773	58	720	7	10,055	
1971	1,846	18	843	8	5,854	58	1,590	16	10,133	
1972	2,158	16	2,464	19	7,556	57	998	8	13,176	
1973	3,019	24	1,945	16	6,810	54	750	6	12,533	
1974 1/	1,153	10	1,148	10	7,500	67	1,444	13	11,245	
<u>Supply</u>										
1970	2,350	15	2,542	16	9,516	61	1,283	8	15,691	
1971	2,134	15	1,339	9	8,821	62	2,023	14	14,317	
1972	2,857	18	2,887	18	9,257	56	1,324	8	16,325	
1973	3,851	23	2,756	17	8,776	54	1,013	6	16,396	
1974 1/	2,088	14	1,981	13	9,133	61	1,730	12	14,932	

1/ Preliminary.

Table 2. Upland cotton in the United States, ginnings and supply, by grade 1/

Grade	Code	After January 31				Total crop				Supply				Change in Supply	
		1973	1974	1973	1974	1973	1974	1973	1974	1,000 bales	1,000 bales	Pct.	1,000 bales	Pct.	
Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Pct.	Bales	Bales	Pct.
<u>White</u>															
G.M.	(11)	-	-	-	-	79	27	*	*	92	54	0.4	*	*+1	+100.0
S.M.	(21)	1,199	110	0.5	0.1	60,060	23,689	0.5	0.2	31	27	0.2	0.2	-38	-41.3
M.+	(30)	53	-	*	-	1,212	542	*	*	2,519	1,898	15.4	12.7	-4	-12.9
M.	(31)	19,720	4,771	8.4	3.7	2,251,093	1,395,280	18.1	12.4	480	710	2.9	4.8	-621	-24.7
S.I.M.+	(40)	410	2,546	0.2	2.0	193,277	412,059	1.5	3.7	5,699	5,216	34.6	35.1	+230	+47.9
S.I.M.	(41)	50,503	11,048	21.7	8.7	4,853,449	4,227,975	38.9	37.6	469	504	2.9	3.4	-483	-8.5
L.M.+	(50)	357	1,360	0.2	1.1	171,991	243,572	1.4	2.2	2,161	2,289	13.2	15.3	+35	+7.5
L.M.	(51)	16,120	11,814	6.9	9.3	1,697,718	1,966,883	13.5	17.5	30	33	0.2	0.2	+128	+5.9
S.G.O.+	(60)	90	97	*	0.1	16,627	19,814	0.1	0.2	329	299	2.0	2.0	+3	+10.0
S.G.O.	(61)	12,504	18,301	5.3	14.3	201,345	245,583	1.6	2.2	*	*	0.2	0.2	-30	-9.1
G.O.+	(70)	10	-	*	-	334	789	*	*	3	2	*	*	-1	-33.3
G.O.	(71)	4,240	5,916	1.8	4.6	24,334	34,444	0.2	0.3	41	40	0.3	0.3	-1	-2.4
<u>Light Spotted</u>															
G.M.	(12)	-	-	-	-	-	-	*	*	10	18	0.1	0.1	0	-
S.M.	(22)	25	-	*	-	4,778	2,434	*	*	1,073	782	6.5	5.2	+8	+80.0
M.	(32)	43,209	1,884	18.5	1.5	957,692	281,604	7.6	2.5	1,698	1,742	10.4	11.7	-291	-27.1
S.I.M.	(42)	31,945	13,348	13.6	10.5	1,308,597	1,345,016	10.4	12.0	710	777	4.3	5.2	+44	+2.6
L.M.	(52)	16,546	24,317	7.1	19.0	488,637	684,029	3.9	6.1					+67	+9.4
<u>Spotted</u>															
G.M.	(13)	-	-	-	-	-	-	*	*	**	**	*	*	0	-
S.M.	(23)	10	-	*	-	490	199	*	*	7	7	*	*	0	-
M.	(33)	3,723	437	1.6	0.3	41,832	22,150	0.3	0.2	131	80	0.8	0.5	-51	-38.9
S.I.M.	(43)	5,912	4,741	2.5	3.7	95,725	124,605	0.8	1.1	344	169	2.1	1.1	-175	-50.9
L.M.	(53)	7,987	9,500	3.4	7.4	75,216	109,153	0.6	1.0	199	134	1.2	0.9	-65	-32.7
Tinged 2/	(14-54)	1,227	763	0.5	0.6	6,001	5,603	*	*	180	16	1.1	0.1	-164	-91.1
Stained 2/	(15-35)	14	-	*	-	62	121	*	*	3	1	*	*	-2	-66.7
<u>Light Gray</u>								*	*	2	-	*	*	-2	-100.0
G.M.	(16)	-	-	-	-	11	-	*	*	1	1	*	*	0	-
S.M.	(26)	8	-	*	-	920	1,264	*	*	29	12	0.2	0.1	-17	-58.6
M.	(36)	311	831	0.1	0.7	8,161	9,935	0.1	0.1	26	7	0.2	0.2	-19	-73.1
S.I.M.	(46)	1,442	932	0.6	0.7	5,726	4,838	*	*						
<u>Gray</u>															
G.M.	(17)	-	-	-	-	-	-	*	*	1	1	*	*	-1	-100.0
S.M.	(27)	-	-	*	-	5	34	*	*	3	1	*	*	-2	-66.7
M.	(37)	99	17	*	*	282	194	*	*	12	2	0.1	*	-10	-83.3
S.I.M.	(47)	329	101	0.1	0.1	908	560	*	*						
Below Grade 3/		16,305	14,806	7.0	11.6	66,339	83,004	0.5	0.7	113	110	0.7	0.7	-3	-2.7
All grades		234,298	127,640	100.0	100.0	12,532,901	11,245,400	100.0	100.0	16,396	14,932	100.0	100.0	-1,464	-8.9

1/ Data for current season are preliminary.

2/ Includes all grades.

3/ Baless that are lower in grade than the lowest official standard for the corresponding color group.

* Less than 0.05 percent. ** Less than 500 bales.

Table 3. Upland cotton in the United States, ginnings and supply, by staple 1/

Staple Code	After January 31				Total crop				Supply				Change in Supply 1974 from 1973	
	1973	1974	1973	1974	1973	1974	1973	1974	1973	1974	1973	1974		
Bales	Bales	Pct.	Pct.	Bales	Bales	Pct.	Pct.	bales	bales	Pct.	Pct.	1,000 bales	1,000 bales	
26 and shorter	404	15	0.2	*	2,476	740	*	*	4	1	*	*	-3	-75.0
28	882	220	0.4	0.2	31,058	14,293	0.2	0.1	57	28	0.3	0.2	-29	-50.9
29	3,586	915	1.5	0.7	242,314	73,680	1.9	0.7	332	173	2.0	1.2	-159	-47.9
30	32,139	6,331	13.7	5.0	1,207,907	408,285	9.6	3.6	1,593	821	9.7	5.5	-772	-48.5
31	66,521	13,444	28.4	10.5	1,534,921	656,372	12.2	5.8	1,866	1,065	11.4	7.1	-801	-42.9
32	69,090	14,964	29.5	11.7	1,103,633	584,066	8.8	5.2	1,447	969	8.8	6.5	-478	-33.0
33	28,506	14,223	12.2	11.1	841,338	564,314	6.7	5.0	1,309	1,012	8.0	6.8	-297	-22.7
34	23,695	54,089	10.1	42.4	3,629,384	2,577,136	29.1	22.9	4,892	3,495	30.0	23.4	-1,397	-28.6
35	5,684	17,996	2.4	14.1	3,180,464	4,922,934	25.4	43.9	3,884	5,638	23.7	37.9	+1,754	+45.2
36	3,791	5,183	1.6	4.1	724,434	1,339,115	5.8	11.9	923	1,557	5.6	10.4	+634	+68.7
37	-	110	-	0.1	33,637	93,453	0.3	0.8	72	150	0.4	1.0	+78	+1,08.3
38	-	112	-	0.1	1,118	8,004	*	0.1	14	17	0.1	*	+3	+21.4
39	-	29	-	*	62	777	*	*	2	1	*	*	-1	-50.0
40 and longer	-	9	-	*	155	2,231	*	*	1	5	*	*	+4	+400.0
All staples	234,298	127,640	100.0	100.0	12,532,901	11,245,400	100.0	100.0	16,396	14,932	100.0	100.0	-1,464	-8.9

1/ Data for current season are preliminary.
 * Less than 0.05 percent.

Table 4. Specified measures of quality for upland ginnings 1/

Item	After January 31		Total crop		Supply		1974
	1973	1974	1973	1974	1973	1974	
Grade index (Mid. White=100)	87.9	80.6	92.3	90.8	91.5	91.3	
Average staple, 32nd. inch	31.8	33.3	33.3	34.2	33.3	33.9	
Rough preparation, percent	*	*	*	*	-	-	
Tenderable, percent 2/	46.2	10.2	66.8	59.1	-	-	
Average mike reading	4.0	3.7	4.3	4.1	-	-	
Average fiber strength (Mpsi) 3/	81.2	81.3	85.1	86.1	-	-	

1/ Data for current season are preliminary.
 2/ Tenderable for grade, staple and mike in settlement of futures contracts.

3/ Excludes North Carolina. 1/8" gage fiber strength tests were made on North Carolina cotton in lieu of the zero gage fiber strength tests. These tests were made in cooperation with the North Carolina Department of Agriculture and were reported in the weekly report "Quality of Cotton Classed under Smith-Doxey Act - Southeastern Area".

* Less than 0.05 percent.

Table 5. Percentage distribution of micromaire readings for upland ginnings this season and last season, by states 1/

State	2.6 and below		2.7-2.9		3.0-3.2		3.3-3.4		3.5-3.9		4.0-4.4		4.5-4.9		5.0-5.2		5.3 and above		Below 3.5		3.5-4.9		5.0 and above		Totals		Average mike
	1973	1974	1973	1974	1973	1974	1973	1974	1973	1974	1973	1974	1973	1974	1973	1974	1973	1974	1973	1974	1973	1974	1973	1974	1973	1974	
N. C.	-	*	0.1	0.1	0.9	1.7	1.7	1.7	3.2	20.3	31.3	51.3	53.2	23.7	10.1	1.9	0.3	0.1	0.1	2.7	5.0	95.3	94.6	2.0	0.4	4.2	4.0
S. C.	-	*	*	*	0.2	0.7	0.5	1.7	6.6	18.6	37.5	51.7	47.9	24.6	6.8	2.4	0.5	0.3	0.7	2.4	92.0	94.9	7.3	2.7	4.5	4.2	
Ga.	*	*	*	*	*	0.5	0.3	0.8	8.7	8.8	42.5	39.9	41.8	39.1	6.2	8.5	0.5	2.4	0.3	1.3	93.0	87.8	6.7	10.9	4.4	4.5	
Fla.	-	0.3	0.6	1.3	1.3	2.0	2.1	22.8	12.7	58.4	37.3	14.2	36.8	0.6	6.7	0.4	2.5	3.6	4.0	95.4	86.8	1.0	9.2	4.1	4.4		
Ala.	-	0.2	*	1.2	0.3	2.7	0.8	2.4	8.6	13.8	31.1	39.8	41.6	32.8	13.5	6.1	4.1	1.0	1.1	6.5	81.3	86.4	17.6	7.1	4.5	4.3	
Miss.	*	0.1	0.1	1.2	0.8	4.5	1.1	4.2	7.1	20.0	27.2	37.4	46.3	28.1	14.8	4.2	2.6	0.3	2.0	10.0	80.6	85.5	17.4	4.5	4.6	4.2	
Tenn.	*	0.3	*	2.1	0.1	6.8	0.4	6.3	5.4	31.2	30.1	40.0	50.8	12.8	11.3	0.5	1.9	*	0.5	15.5	86.3	84.0	13.2	0.5	4.6	3.9	
Mo.	*	0.2	0.3	3.3	1.9	8.6	2.6	7.1	17.7	24.5	39.7	32.5	30.6	20.1	6.0	3.2	1.2	0.5	4.8	19.2	88.0	77.1	7.2	3.7	4.3	4.0	
Ark.	*	0.1	0.1	1.4	0.8	5.1	0.9	4.6	7.0	18.2	25.1	35.9	46.2	29.6	16.3	4.5	3.6	0.6	1.8	11.2	78.3	83.7	19.9	5.1	4.6	4.2	
La.	*	*	0.5	0.2	1.1	1.1	1.2	1.5	6.6	8.7	30.3	28.3	44.5	46.7	12.6	11.0	3.2	2.5	2.8	2.8	81.4	83.7	15.8	13.5	4.5	4.5	
Okla.	0.1	1.6	1.0	4.3	2.7	8.9	2.8	6.9	13.3	21.5	30.2	28.6	33.8	21.1	12.5	5.7	3.6	1.4	6.6	21.7	77.3	71.2	16.1	7.1	4.4	4.0	
Tex.	0.4	11.9	1.1	12.8	3.4	12.0	3.8	6.7	19.6	17.8	37.7	17.7	26.9	12.3	5.7	6.5	1.4	2.3	8.7	43.4	84.2	47.8	7.1	8.8	4.2	3.7	
N. M.	6.5	3.2	13.7	10.1	15.7	19.2	9.6	14.0	31.6	37.6	20.4	15.4	2.3	0.5	0.2	-	*	-	45.5	46.5	54.3	53.5	0.2	-	3.5	3.5	
Ariz.	1.1	0.1	3.1	0.9	5.0	2.5	3.2	2.0	10.7	8.0	25.0	20.1	41.3	40.4	9.6	19.0	1.0	7.0	12.4	5.5	77.0	68.5	10.6	26.0	4.3	4.6	
Calif.	0.4	0.2	2.0	0.9	3.4	1.8	2.3	1.7	13.5	13.3	44.3	45.6	32.3	32.4	1.7	3.3	0.1	0.8	8.1	4.6	90.1	91.3	1.8	4.1	4.2	4.3	
Other	-	0.3	0.4	6.5	2.0	4.6	4.2	20.2	30.5	48.7	41.0	19.2	21.3	0.5	0.6	-	-	11.4	6.6	88.1	92.8	0.5	0.6	4.1	4.1		
U. S.	0.4	2.7	1.1	3.8	2.5	5.4	2.4	4.0	13.5	16.3	34.6	33.2	35.4	26.8	8.4	6.1	1.7	1.7	6.4	15.9	83.5	76.3	10.1	7.8	4.3	4.1	

1/ Data for current season are preliminary.

* Less than 0.05 percent.

Table 6. Percentage distribution of fiber strength for upland cotton ginnings this season and last season, by states ^{1/}

State	Zero Gage Fiber Strength (Mpsi)												Average strength							
	64 & below		65-69		70-74		75-79		80-84		85-89		90-94		95-99		100 & above			
	1973	1974	1973	1974	1973	1974	1973	1974	1973	1974	1973	1974	1973	1974	1973	1974	1973	1974		
Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Mps1	Mps1		
S. C.	-	0.1	*	0.1	2.8	6.2	24.3	42.5	49.8	42.5	20.2	8.0	2.9	0.6	*	-	-	81.8	79.7	
Ga.	-	0.1	0.2	4.0	8.9	30.6	41.5	45.8	40.3	17.8	8.7	1.7	0.4	*	*	-	-	81.1	79.5	
Ala.	-	0.4	-	4.4	2.6	32.7	24.9	43.9	49.6	15.9	20.2	2.3	2.7	0.4	*	-	-	81.0	81.8	
Miss.	-	-	*	-	2.0	0.8	25.0	15.7	51.3	48.1	19.2	30.8	2.5	4.4	*	0.2	*	-	81.7	83.1
Tenn.	-	-	0.1	*	3.3	1.4	21.8	23.3	48.6	51.8	22.6	21.4	3.2	2.1	0.4	*	-	-	82.0	82.0
Mo.	-	-	-	*	1.6	1.2	19.2	17.7	43.8	49.2	29.1	27.4	6.0	4.2	0.3	0.3	*	-	83.1	82.9
Ark.	-	*	*	*	0.4	1.1	12.1	21.1	44.5	49.6	33.4	23.3	8.4	4.7	1.1	0.2	0.1	*	84.1	82.5
Ia.	-	-	*	*	0.8	1.0	22.5	17.9	57.9	52.1	17.0	25.7	1.7	3.3	0.1	*	-	-	81.8	82.6
Okla.	*	-	0.8	0.1	11.1	7.2	37.4	29.2	33.7	41.1	13.4	18.5	2.9	3.4	0.7	0.5	*	*	79.9	81.1
Tex.	*	*	0.2	3.3	3.8	17.6	22.3	38.2	38.3	28.6	23.4	9.2	8.7	2.2	2.6	0.7	0.7	83.5	83.1	
N. Mex.	-	-	*	*	0.4	0.3	2.8	3.2	8.0	7.6	13.3	17.3	18.8	35.0	32.2	28.4	24.5	8.2	94.2	92.1
Ariz.	-	-	*	*	0.1	0.6	4.0	9.3	30.7	38.1	46.3	37.2	15.1	12.5	2.8	2.0	1.0	0.3	86.3	85.0
Calif.	-	-	*	*	*	0.1	0.2	1.2	1.7	6.3	6.7	17.9	21.9	38.2	40.2	36.3	29.3	97.5	96.6	
U. S.	*	*	0.1	*	2.3	2.0	16.9	16.0	36.7	33.5	23.1	20.6	8.3	10.1	6.9	10.4	5.7	7.4	85.1	86.1

^{1/} Data for current season are preliminary.

* Less than 0.05 percent.

Table 7. Percentage distribution of the grade of upland cotton ginned this season and last season, by states ^{1/}

State	White						Light Spotted						Other colored			Below Grade		Grade index ^{2/}	
	SM 21 & higher	M+ 30	M 31	SLM+ 40	SLM 41	LM 50	LM 51	SGO+ 60	SM 22	M 32	SLM 42	LM 52	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	
1973	1974	1973	1974	1973	1974	1973	1974	1973	1974	1973	1974	1973	1974	1973	1974	1973	1974	1973	
N. C.	0.1	0.1	0.1	-	1.7	1.0	0.2	0.7	39.6	28.9	11.5	11.8	34.0	28.6	7.7	5.2	-	*	0.2
S. C.	0.1	0.1	-	-	3.5	3.0	0.8	0.4	31.6	34.6	6.1	5.8	31.5	28.0	5.9	5.4	0.1	*	1.0
Ga.	0.1	*	-	*	2.3	0.7	0.4	0.2	31.7	23.5	3.2	4.2	30.0	31.1	5.1	6.2	*	*	1.6
Fla.	-	-	-	-	0.8	0.2	0.1	-	37.7	42.8	4.2	4.7	41.4	34.3	3.3	2.8	-	-	0.3
Ala.	0.1	0.1	*	-	3.5	3.9	0.3	1.5	44.2	46.6	2.9	5.5	25.2	22.6	2.3	3.1	0.1	*	1.6
Miss.	0.2	0.1	*	*	2.7	2.9	0.3	0.5	49.5	45.5	1.9	1.7	29.1	32.4	3.2	4.5	*	*	1.0
Tenn.	0.2	0.2	-	-	8.6	4.5	0.8	1.0	45.9	42.3	1.2	1.9	12.2	24.4	1.3	3.2	*	*	5.8
Mo.	*	0.1	-	*	9.0	9.1	0.1	1.0	57.6	42.9	3.0	4.8	7.0	13.7	0.6	1.7	-	*	4.0
Ark.	*	*	-	*	4.7	5.9	0.2	0.6	56.8	48.8	1.8	2.2	21.9	19.4	1.6	1.3	*	*	1.4
La.	0.1	*	-	-	3.4	4.2	0.1	0.2	45.8	49.8	0.7	1.2	19.6	15.0	1.6	1.8	*	*	3.5
Oklahoma	-	-	-	-	6.6	0.6	0.2	0.1	28.0	16.9	0.2	0.3	6.7	12.9	0.6	1.5	*	-	19.5
Tex.	0.2	0.1	*	*	18.2	6.9	0.4	0.3	35.6	24.2	0.4	0.5	6.5	17.7	1.3	2.5	*	*	15.2
N. M.	3.6	*	-	-	48.9	6.2	3.9	2.5	25.0	57.5	1.2	5.4	2.5	11.5	1.3	2.4	0.1	*	7.4
Ariz.	2.3	0.2	*	-	55.4	16.2	2.3	2.4	16.5	46.5	0.6	1.8	2.2	10.5	1.5	2.5	0.2	0.1	11.9
Calif.	1.4	0.5	*	*	46.2	34.0	7.9	13.5	33.1	37.8	1.2	2.3	5.3	6.5	1.2	1.6	*	*	1.0
Other	-	-	-	-	41.5	15.6	1.2	5.2	17.1	23.8	6.5	3.6	26.0	25.0	3.8	4.1	-	-	0.8
U. S.	0.5	0.2	*	*	18.1	12.4	1.5	3.7	38.9	37.6	1.4	2.2	13.5	17.5	1.9	2.7	*	*	7.6

^{1/} Data for current season are preliminary.^{2/} Middling White equals 100.

* Less than 0.05 percent.

Table 8. Percentage distribution of the staple of upland cotton ginned this season and last season, and total ginnings by states ^{1/}

State	28 & shorter		29		30		31		32		33		34		35		36		37		38		Average staple 2/ & longer		Total upland ginnings			
	Pct.	Pct.	1973	1974	1973	1974	1973	1974	1973	1974	1973	1974	1973	1974	1973	1974	1973	1974	1973	1974	Bales	Bales	Bales	Bales				
N.C.	-	-	-	-	-	-	*	*	19.5	3.9	77.8	54.0	2.6	41.3	0.1	0.8	-	*	34.8	35.4	164,872	131,111						
S.C.	-	-	-	-	*	*	0.1	0.1	0.7	0.7	33.4	16.7	53.5	67.7	10.8	14.3	1.4	0.5	0.1	*	34.8	35.0	286,662	265,577				
Ga.	-	-	-	-	*	*	0.1	0.4	0.9	11.6	13.3	70.1	66.5	17.8	18.8	0.1	0.4	-	*	-	34.1	34.0	376,581	396,441				
Fla.	-	-	-	-	-	-	0.1	0.3	8.7	4.0	86.8	85.3	4.4	10.2	-	0.1	-	-	-	34.0	34.1	12,009	13,045					
Ala.	-	-	*	*	*	*	0.2	*	2.6	0.3	39.3	7.0	51.1	65.7	6.7	26.4	0.1	0.6	*	*	*	33.6	34.2	443,975	509,793			
Miss.	-	-	*	*	*	*	0.1	*	3.2	1.6	55.1	34.2	39.9	60.9	1.6	3.2	0.1	0.1	*	*	*	34.4	34.7	1,748,289	1,542,899			
Tenn.	-	-	-	-	*	*	-	0.7	0.1	26.7	3.0	67.1	50.7	5.4	45.4	0.1	0.8	-	*	-	-	33.8	34.4	423,851	302,801			
Mo.	-	-	-	-	*	*	0.2	*	5.7	0.2	78.5	9.8	15.4	72.0	0.2	17.8	-	0.2	-	*	34.1	35.1	177,315	227,587				
Ark.	-	-	-	-	*	*	-	0.1	*	3.2	0.3	68.5	20.4	27.9	68.7	0.3	10.5	*	0.1	-	-	34.3	34.9	1,014,003	864,987			
La.	-	-	-	-	*	*	-	0.1	0.2	4.1	1.9	71.9	43.0	23.4	51.3	0.5	3.5	*	0.1	-	*	34.2	34.6	507,552	545,358			
Okla.	0.2	0.1	1.2	0.7	13.8	7.4	30.3	25.3	36.9	44.4	11.1	15.1	3.8	5.1	2.0	1.4	0.7	0.5	*	*	-	31.7	31.9	411,008	308,562			
Tex.	0.7	0.6	5.2	2.9	25.5	15.5	31.3	23.2	20.4	17.1	7.0	14.2	6.8	19.5	2.0	4.7	0.9	1.5	0.2	0.8	*	*	31.3	32.1	4,469,737	2,451,629		
N.M.	0.4	*	2.7	0.4	7.7	2.6	3.7	2.8	3.7	2.2	2.5	1.5	4.9	2.5	12.9	6.6	48.9	34.5	12.4	41.3	0.2	5.6	34.8	36.0	133,288	140,140		
Ariz.	*	*	*	*	0.4	0.2	0.7	0.4	2.4	1.7	3.1	2.6	26.5	22.0	64.2	67.0	2.3	5.3	0.4	0.7	*	0.1	34.6	34.7	605,246	970,400		
Calif.	*	-	*	*	*	*	*	0.2	0.1	0.3	0.2	3.7	3.6	65.6	61.0	30.2	35.0	*	0.1	-	-	35.3	35.3	1,754,563	2,570,097			
Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35.3	35.1	3,950	4,973				
U.S.	0.2	0.1	1.9	0.7	9.6	3.6	12.2	5.8	8.8	5.2	6.7	5.0	29.1	22.9	25.4	43.9	5.8	11.9	0.3	0.8	*	0.1	33.3	34.2	12,532,901	11,245,400		

^{1/} Data for current season are preliminary.^{2/} Expressed in thirty-seconds of an inch.

* Less than 0.05 percent.

Table 9. Percentage of ginnings reduced in grade, by specified causes, this season and last season, by states 1/

State	Grade reductions							
	Grass		Bark		Other causes		Total reductions	
	1973	1974	1973	1974	1973	1974	1973	1974
	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.
North Carolina	11.9	11.2	0.9	0.3	0.1	0.1	12.9	11.6
South Carolina	11.6	6.4	0.4	1.1	*	*	12.0	7.5
Georgia	3.8	3.3	2.6	3.0	*	*	6.4	6.3
Florida	2.3	7.3	2.6	1.0	0.1	-	5.0	8.3
Alabama	6.4	6.4	0.4	0.4	0.1	*	6.9	6.8
Mississippi	5.7	8.1	1.4	1.3	0.1	*	7.2	9.4
Tennessee	7.6	11.6	0.7	1.3	*	*	8.3	12.9
Missouri	1.4	2.7	0.3	0.3	*	*	1.7	3.0
Arkansas	3.0	4.3	0.3	0.3	*	0.1	3.3	4.7
Louisiana	3.5	5.7	1.0	1.6	*	*	4.5	7.3
Oklahoma	0.5	0.4	12.2	13.1	-	-	12.7	13.5
Texas	0.6	0.7	9.3	19.3	0.1	*	10.0	20.0
New Mexico	1.9	0.6	4.2	9.9	0.1	0.1	6.2	10.6
Arizona	1.0	2.6	4.6	4.8	0.1	*	5.7	7.4
California	3.2	3.6	0.4	0.3	0.1	*	3.7	3.9
Other	4.2	6.0	0.3	0.6	-	-	4.5	6.6
United States	3.0	4.0	4.4	5.7	0.1	*	7.5	9.7

1/ Data for current season are preliminary.

* Less than 0.05 percent.

Table 10. American Pima cotton ginned in the United States, by grade and staple 1/

Grade and Staple	Code	After January 31				Total crop			
		1973	1974	1973	1974	1973	1974	1973	1974
<u>Grade</u>		<u>Bales</u>	<u>Bales</u>	<u>Pct.</u>	<u>Pct.</u>	<u>Bales</u>	<u>Bales</u>	<u>Pct.</u>	<u>Pct.</u>
1	(10)	-	-	-	-	-	-	-	-
2	(20)	-	10	-	0.3	2,193	26	2.8	*
3	(30)	69	227	2.1	7.8	36,914	7,465	47.2	8.4
4	(40)	374	718	11.4	24.8	26,134	50,233	33.5	56.7
5	(50)	261	396	7.9	13.6	4,662	21,696	6.0	24.5
6	(60)	171	144	5.2	5.0	1,311	5,496	1.7	6.2
7	(70)	503	590	15.3	20.3	2,482	2,145	3.2	2.4
8	(80)	1,024	580	31.0	20.0	2,921	1,130	3.7	1.3
9	(90)	680	164	20.6	5.6	1,095	292	1.4	0.3
10	(00)	213	76	6.5	2.6	385	174	0.5	0.2
Total		3,295	2,905	100.0	100.0	78,097	88,656	100.0	100.0
<u>Staple Code</u>									
40 and shorter		11	-	0.3	-	47	132	0.1	0.1
42		2,295	1,184	69.6	40.8	7,207	3,361	9.2	3.8
44		974	1,664	29.6	57.2	67,467	74,436	86.4	84.0
46		15	57	0.5	2.0	3,376	10,727	4.3	12.1
48 and longer		-	-	-	-	-	-	-	-
Total		3,295	2,905	100.0	100.0	78,097	88,656	100.0	100.0

1/ Data for current season are preliminary.

* Less than 0.05 percent.

Table 11. Percentage distribution of micronaire readings for American Pima ginned in the United States, this season and last season, by states 1/

Readings	State						United States	
	Texas		New Mexico		Arizona			
	1973	1974	1973	1974	1973	1974	1973	1974
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
2.4 and below	0.1	0.1	0.2	-	*	-	*	*
2.5	0.2	0.2	0.2	-	0.1	-	0.1	0.1
2.6	0.7	0.4	0.4	0.1	0.2	*	0.4	0.2
2.7	1.4	1.8	0.2	0.3	0.4	*	0.8	0.6
2.8	2.9	2.7	2.1	1.9	0.7	0.1	1.7	1.1
2.9	3.1	3.1	2.5	3.4	1.2	0.2	2.1	1.4
3.0	4.8	5.7	3.6	4.2	2.3	0.5	3.3	2.5
3.1	5.3	5.9	6.3	6.5	3.1	0.9	4.1	3.0
3.2	5.3	9.4	8.9	10.6	4.5	1.2	5.1	4.6
3.3	5.7	9.5	6.7	11.2	5.3	1.8	5.5	5.0
3.4	7.4	11.9	11.1	9.1	8.1	2.4	8.0	6.1
3.5	8.3	11.5	10.4	10.8	9.2	3.3	8.9	6.6
3.6	9.5	12.1	9.7	13.8	11.7	6.4	10.7	8.8
3.7	9.3	9.1	8.6	9.1	12.3	7.9	10.9	8.4
3.8	11.5	6.6	8.7	6.0	13.6	11.3	12.6	9.3
3.9	6.9	4.4	6.7	4.8	10.9	12.8	9.1	9.5
4.0	7.5	3.0	5.3	3.6	7.7	14.8	7.5	10.1
4.1	4.4	1.1	3.7	2.0	5.0	14.4	4.7	9.0
4.2	3.4	0.8	2.6	1.7	2.1	11.2	2.6	7.0
4.3	1.1	0.5	0.6	0.8	1.2	5.7	1.1	3.6
4.4	0.9	0.2	1.2	-	0.3	3.4	0.6	2.1
4.5	0.3	*	0.3	-	0.1	1.3	0.2	0.8
4.6	-	*	-	0.1	-	0.3	-	0.2
4.7	*	-	-	-	-	0.1	*	*
4.8	-	*	-	-	-	*	-	*
4.9	-	-	-	-	-	-	-	-
5.0 and above	-	-	-	-	-	-	-	-
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Average mike	3.6	3.4	3.5	3.5	3.6	3.9	3.6	3.7

1/ Data for current season are preliminary.

* Less than 0.05 percent.

Table 12. Percentage distribution of upland cotton by specified grades,
by seasons, 1963-1974 1/

Grade	Code	Season											
		1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974
<u>White:</u>		Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.
S.M.	(21)	6.1	3.7	2.1	1.3	1.2	1.1	0.5	0.5	0.3	0.2	0.5	0.2
and higher					*	*	*	*	*	*	*	*	*
M.+	(30)	0.3	0.2	0.2	*	*	*	*	*	*	*	*	*
M.	(31)	24.7	20.6	18.7	16.5	18.8	16.4	14.4	14.4	12.7	8.2	18.1	12.4
S.L.M.+	(40)	1.7	1.4	1.9	1.1	1.3	1.5	1.7	0.8	1.4	1.5	1.5	3.7
S.L.M.	(41)	27.8	31.1	31.1	28.6	33.7	38.5	38.0	34.0	33.3	32.3	38.9	37.6
L.M.+	(50)	2.4	2.6	2.4	1.9	1.7	2.0	1.7	1.1	1.2	1.5	1.4	2.2
L.M.	(51)	8.5	11.4	11.5	7.8	7.6	11.8	12.6	17.7	16.0	24.2	15.4	20.2
and lower													
<u>Light Spotted:</u>													
S.M.	(22)	1.5	0.7	0.5	0.3	0.4	0.2	0.1	*	*	*	*	*
and higher													
M.	(32)	13.2	9.8	11.4	11.2	13.2	9.3	5.1	9.1	4.1	3.7	7.6	2.5
S.L.M.	(42)	8.5	9.7	12.9	15.6	11.4	12.2	13.9	13.6	13.8	13.7	10.4	12.0
L.M.	(52)	1.9	2.9	2.5	4.5	3.3	2.9	5.5	4.6	10.1	6.2	3.9	6.1
<u>Spotted:</u>		1.6	3.5	2.4	8.7	5.2	2.9	3.7	3.1	5.4	5.4	1.7	2.3
Other Colored 2/		1.8	2.4	2.4	2.5	2.2	1.2	2.8	1.1	1.7	3.1	0.6	0.8
Total		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

1/ Data for 1974 are preliminary.

2/ Includes Below Grade.

* Less than 0.05 percent.

Table 13. Percentage distribution of upland cotton by specified staples,
by seasons, 1963-1974 1/

Staple Code	Season											
	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974
	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.
26 and shorter	0.1	0.3	0.1	0.1	*	*	0.1	*	0.1	*	*	*
28	1.5	2.5	0.7	1.0	0.6	0.1	1.3	0.4	0.6	0.1	0.2	0.1
29	7.8	5.4	6.3	6.8	4.6	1.1	4.2	3.5	3.3	1.2	1.9	0.7
30	12.9	10.8	15.5	14.5	10.6	7.0	6.4	10.4	9.1	6.1	9.6	3.6
31	3.2	3.8	4.3	4.6	7.3	6.9	5.1	5.8	5.1	9.0	12.2	5.8
32	4.8	5.1	4.7	3.8	5.3	7.2	5.6	5.2	3.1	8.7	8.8	5.2
33	23.0	23.8	19.2	13.5	9.7	8.5	10.5	10.1	5.3	10.0	6.7	5.0
34	37.1	34.1	34.0	34.8	28.7	26.0	31.0	37.6	25.0	35.7	29.1	22.9
35	7.3	11.3	12.3	16.8	23.0	26.4	28.9	19.9	32.8	21.7	25.4	43.9
36 and longer	2.3	2.9	2.9	4.1	10.2	16.8	6.9	7.1	15.6	7.5	6.1	12.8
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

1/ Data for 1974 are preliminary.

* Less than 0.05 percent.

Table 14. Cotton: Grade index, by states, United States, 5-year averages, 1938-72 and by seasons, 1971-1974 1/

State	5-year averages							1971	1972	1973	1974*
	1938-42	1943-47	1948-52	1953-57	1958-62	1963-67	1968-72				
N. Carolina	95.8	91.3	93.1	91.7	94.4	91.7	88.4	85.1	88.4	88.7	87.6
S. Carolina	96.8	92.9	93.5	93.9	95.6	92.4	87.9	85.3	87.9	88.1	88.4
Georgia	96.8	95.2	95.4	95.1	95.8	91.0	87.7	85.3	89.2	88.0	86.3
Florida	95.2	95.7	95.7	95.2	92.5	90.0	88.5	85.8	90.4	88.3	88.9
Alabama	97.0	96.9	96.1	95.7	96.3	92.7	90.4	89.7	88.1	89.5	90.1
Mississippi	97.2	96.2	96.5	95.2	95.5	94.4	90.8	90.7	89.4	89.9	89.2
Tennessee	96.2	93.9	94.8	95.9	96.5	94.2	91.9	92.0	89.0	91.5	89.6
Missouri	93.2	90.1	91.4	93.6	94.1	92.4	92.1	93.3	88.5	92.2	91.1
Arkansas	96.4	93.9	93.8	94.6	94.2	92.2	91.2	92.0	88.8	91.1	90.6
Louisiana	96.6	96.2	97.0	94.4	94.9	94.4	92.5	92.2	90.3	90.3	90.6
Oklahoma	93.7	90.6	93.8	90.7	92.3	90.7	89.0	83.4	88.4	91.6	87.2
Texas	95.5	94.3	94.9	93.0	94.8	92.4	88.5	84.8	86.9	92.8	88.3
New Mexico	98.3	97.6	97.4	97.1	98.7	96.7	93.9	93.8	90.9	96.5	91.8
Arizona	97.3	93.4	96.3	96.2	96.5	92.7	93.8	93.7	90.4	96.5	92.5
California	98.3	96.9	94.8	94.3	97.8	94.1	94.8	96.6	94.3	96.1	95.2
U. S.	96.2	94.6	94.9	94.3	95.5	93.1	90.8	89.9	89.1	92.3	90.8

1/ Computed by weighting the quantity in each grade by the 1937-39 average price per pound for such grade of 15/16" staple. Converted to an index on basis Middling White equals 100. For 1958 and subsequent years, constants for Plus, Light Spotted and Light Gray set at mid-points between full grade weights.

* Preliminary.

Table 15. Cotton: Average staple length in thirty-seconds inches, by states, United States 5-year averages, 1938-72 and by seasons, 1971-1974 1/

State	5-year averages							1971	1972	1973	1974*
	1938-42	1943-47	1948-52	1953-57	1958-62	1963-67	1968-72				
N. Carolina	32.6	32.6	33.0	32.8	33.3	33.6	34.2	34.3	34.7	34.8	35.4
S. Carolina	32.5	32.8	32.8	32.9	33.4	33.8	34.5	34.7	34.7	34.8	35.0
Georgia	31.1	32.0	32.6	32.7	33.1	33.2	33.7	33.9	33.8	34.1	34.0
Florida	31.1	32.7	33.0	32.9	32.8	33.0	33.7	34.0	33.9	34.0	34.1
Alabama	30.7	31.8	32.8	32.7	33.3	33.2	33.7	34.1	33.7	33.6	34.2
Mississippi	34.2	33.7	34.0	33.7	33.8	34.1	34.6	34.9	34.4	34.4	34.7
Tennessee	31.9	32.5	33.1	33.1	33.6	33.8	33.9	34.2	33.8	33.8	34.4
Missouri	32.7	33.2	33.5	33.5	33.8	34.0	34.4	34.9	34.0	34.1	35.1
Arkansas	32.7	32.7	33.2	33.3	33.8	34.1	34.5	35.0	34.2	34.3	34.9
Louisiana	32.8	32.9	33.8	33.5	33.6	33.8	34.3	34.6	34.1	34.2	34.6
Oklahoma	29.8	29.0	29.1	29.5	30.8	30.5	31.5	31.1	31.6	31.7	31.9
Texas	29.7	29.7	30.0	30.6	31.2	30.8	31.6	31.1	31.7	31.3	32.1
New Mexico	34.2	34.4	34.2	34.6	35.2	35.8	35.8	35.7	35.0	34.8	36.0
Arizona	32.9	32.8	33.2	33.5	33.7	33.6	34.2	34.2	34.1	34.6	34.7
California	34.4	33.7	33.8	34.1	34.1	34.5	35.4	35.6	35.4	35.3	35.3
U. S.	31.8	32.0	32.3	32.5	32.8	32.9	33.6	33.8	33.5	33.3	34.2

1/ Averages calculated on numerical equivalents of the staple length designations; for example, 29/32" = 29.

* Preliminary.

Table 16. Grade indexes and average staples of carryover, crop and supply of upland cotton, 1955-1974

Year	Grade indexes 1/			Average staples 2/		
	Carryover	Crop	Supply	Carryover	Crop	Supply
1955	95.9	93.2	94.3	32.2	32.6	32.4
1956	94.0	96.0	95.0	32.2	32.7	32.4
1957	91.9	91.7	91.8	32.0	32.6	32.3
1958	91.1	96.7	94.3	31.7	32.8	32.3
1959	95.0	95.8	95.5	31.9	32.8	32.5
1960	97.9	95.4	96.2	33.0	32.9	32.9
1961	97.6	95.7	96.3	33.3	32.9	33.0
1962	96.9	93.9	94.9	33.2	32.8	33.0
1963	95.5	94.6	94.9	32.7	32.7	32.7
1964	95.3	93.2	94.1	32.3	32.8	32.6
1965	94.8	93.0	93.9	32.4	32.8	32.6
1966	92.9	92.0	92.6	32.1	33.0	32.4
1967	93.1	92.8	93.0	32.1	33.4	32.6
1968	92.6	92.6	92.6	32.5	33.9	33.4
1969	93.2	91.0	91.9	33.8	33.5	33.6
1970	93.4	91.6	92.2	34.0	33.4	33.6
1971	94.5	89.9	91.2	34.2	33.8	33.9
1972	90.7	89.2	89.5	33.4	33.5	33.5
1973	88.8	92.3	91.5	33.2	33.3	33.3
1974*	92.8	90.8	91.3	33.1	34.2	33.9

1/ Middling White equals 100. For 1958 and subsequent years, constants for Plus, Light Spotted and Light Gray set at mid-points between full grade weights.

2 Expressed in thirty-seconds of an inch.

* Preliminary.